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NEWS 1	Web Page for STN Seminar Schedule - N. America	
NEWS 2	JAN 02	STN pricing information for 2008 now available
NEWS 3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS 4	JAN 28	USPATFULL, USPATZ2, and USPATOLD enhanced with new custom IPC display formats
NEWS 5	JAN 28	MARPAT searching enhanced
NEWS 6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS 7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS 9	FEB 08	STN Express, Version 8.3, now available
NEWS 10	FEB 20	PCI now available as a replacement to DPCI
NEWS 11	FEB 25	IFIREF reloaded with enhancements
NEWS 12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS 13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS 14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS 15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS 16	MAR 31	CA/Caplus and CASREACT patent number format for U.S. applications updated
NEWS 17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS 18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 19	APR 04	STN Anavist, Version 1, to be discontinued
NEWS 20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS 21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS 22	APR 28	IMSRRESEARCH reloaded with enhancements
NEWS 23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS 24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS 25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS 26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS 27	JUN 13	USPATFULL and USPATZ2 updated with 11-character patent numbers for U.S. applications
NEWS 28	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS 29	JUN 25	CA/Caplus and USPAT databases updated with IPC reclassification data
NEWS 30	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 31	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated

NEWS 32 JUN 30 organizations  
STN on the Web enhanced with new STN AnaVist  
Assistant and BLAST plug-in  
NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPRULL

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 08:20:19 ON 24 JUL 2008

=> file reg  
COST IN U.S. DOLLARS  
SINCE FILE ENTRY TOTAL  
SESSION  
0.21 0.21  
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 08:20:39 ON 24 JUL 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 JUL 2008 HIGHEST RN 1035393-16-8  
DICTIONARY FILE UPDATES: 22 JUL 2008 HIGHEST RN 1035393-16-8

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting Smart SELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stn/gen/stndoc/properties.html>

=> s 64-18-6  
L1 1 64-18-6  
(64-18-6/RN)

=> file caplus  
COST IN U.S. DOLLARS

FULL ESTIMATED COST

0.46

0.67

FILE 'CPLUS' ENTERED AT 08:21:15 ON 24 JUL 2008  
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FILE COVERS 1907 - 24 Jul 2008 VOL 149 ISS 4

FILE LAST UPDATED: 22 Jul 2008 (20080722/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> s lead acid
      699328 LEAD
      333497 LEADS
      1007588 LEAD
          (LEAD OR LEADS)
      4631762 ACID
      1641509 ACIDS
      5146642 ACID
          (ACID OR ACIDS)
L2      11040 LEAD ACID
          (LEAD(W)ACID)

=> s lead acid battery
      699328 LEAD
      333497 LEADS
      1007588 LEAD
          (LEAD OR LEADS)
      4631762 ACID
      1641509 ACIDS
      5146642 ACID
          (ACID OR ACIDS)
      147887 BATTERY
      115068 BATTERIES
      160836 BATTERY
          (BATTERY OR BATTERIES)
L3      8731 LEAD ACID BATTERY
          (LEAD(W)ACID(W)BATTERY)

=> s 64-18-6/rn
      38850 64-18-6
      1489 64-18-6D
L4      37551 64-18-6/RN
          (64-18-6 (NOTL) 64-18-6D )
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=> s 107-31-3/rn
      4903 107-31-3
      20 107-31-3D
L5      4885 107-31-3/RN
      (107-31-3 (NOTL) 107-31-3D )

=> s 109-94-4/rn
      4475 109-94-4
      25 109-94-4D
L6      4451 109-94-4/RN
      (109-94-4 (NOTL) 109-94-4D )

=> s 79-09-4/rn
      30280 79-09-4
      1457 79-09-4D
L7      28960 79-09-4/RN
      (79-09-4 (NOTL) 79-09-4D )

=> d his

      (FILE 'HOME' ENTERED AT 08:20:19 ON 24 JUL 2008)

      FILE 'REGISTRY' ENTERED AT 08:20:39 ON 24 JUL 2008
L1          1 S 64-18-6

      FILE 'CAPLUS' ENTERED AT 08:21:15 ON 24 JUL 2008
L2          11040 S LEAD ACID
L3          8731 S LEAD ACID BATTERY
L4          37551 S 64-18-6/RN
L5          4885 S 107-31-3/RN
L6          4451 S 109-94-4/RN
L7          28960 S 79-09-4/RN

=> s 13 and (14 or 15 or 16 or 17
UNMATCHED LEFT PARENTHESIS 'AND (L4'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s 13 and (14 or 15 or 16 or 17)
L8          3 L3 AND (L4 OR L5 OR L6 OR L7)

=> d 18

L8  ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2008 ACS on STN
AN  2006:237439  CAPLUS
DN  144:295911
TI  Method for treating dump conversion solution in lead-
    acid battery manufacture
IN  Abe, Hidetoshi; Saida, Kosaku
PA  Furukawa Battery Co., Ltd., Japan
SO  Jpn. Kokai Tokkyo Koho, 7 pp.
    CODEN: JKXXAF
DT  Patent
LA  Japanese
FAN.CNT 1
    PATENT NO.          KIND      DATE      APPLICATION NO.      DATE
    -----          -----      -----      -----      -----
PI  JP 2006073445          A      20060316      JP 2004-257863      20040906
PRAI JP 2004-257863          20040906

```

=> d 18 1-3

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2006:237439 CAPLUS  
DN 144:295911  
TI Method for treating dump conversion solution in lead-acid battery manufacture  
IN Abe, Hidetoshi; Saida, Kosaku  
PA Furukawa Battery Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006073445	A	20060316	JP 2004-257863	20040906
PRAI	JP 2004-257863		20040906		

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1997:654871 CAPLUS  
DN 127:297232  
OREF 127:58019a,58022a  
TI Solution for regeneration of electrodes of lead-acid batteries  
IN Sasaki, Koki; Kamegaya, Yoichi; Oguri, Masayki; Tsuchiya, Shigeki  
PA Ishifuku Metal Industry Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09256184	A	19970930	JP 1996-87094	19960318
PRAI	JP 1996-87094		19960318		

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1979:482595 CAPLUS  
DN 91:82595  
OREF 91:13247a,13250a  
TI Analysis of 4.5 mol/L sulfuric acid for organic compounds leached from battery separators  
AU Laird, Edwin C.; Hanna, Samir B.  
CS Globe-Union Inc., Milwaukee, WI, 53201, USA  
SO NBS Special Publication (United States) (1979), 519(Trace Org. Anal.: New Front. Anal. Chem.), 797-802  
CODEN: XNBSAV; ISSN: 0083-1883  
DT Journal  
LA English

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